

**Table S-2**

PAS-FTIR Peak Area estimates for Douglas fir and hazelnut shell chars made at 300 °C, 500 °C, and 620 °C production temperatures.

Feedstock	Pyrolysis Temperature °C	Peak Area	
		1680-1730 Wavenumber	2800-2990 Wavenumber
Douglas fir	370	14.2 ± 1.0	27.9 ± 3.2
	500	7.0 ± 1.9	7.2 ± 2.8
	620	1.0 ± 0.7	4.5 ± 1.0
Hazelnut shell	370	15.2 ± 0.9	67.8 ± 2.5
	500	5.1 ± 1.0	5.2 ± 1.6
	620	1.0 ± 0.3	2.9 ± 1.8

<sup>a</sup> Values following ± indicate standard error